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Client: National Institute of Health
Bldg 14A, Rm 119A8
14 Service Road West
Bethesda, MD 20892-5515

Sample Number: 26445
Receive Date: 17-Aug-10
Report Date: 27-Aug-10
Final Report Date: 30-Aug-10

Contact: Dennis Barnard

Sample Description:

1= Monkey Diet, 8777 Monk-062110, 308g
2= Monkey Diet, 5040 Monk-061110, 285g
3= Fish Diet, Fish 10137-072910, 141g
4= Frog Diet, Frog 09155-072910, 167g

Test Description:	Detection Limits		Sample Numbers			
			1	2	3	4
Aflatoxin B1	1.0 ppb	HPLC	ND	ND	ND ³	ND ³
Aflatoxin B2	1.0 ppb	HPLC	ND	ND	ND	ND
Aflatoxin G1	1.0 ppb	HPLC	ND	ND	ND ³	ND ³
Aflatoxin G2	1.0 ppb	HPLC	ND	ND	ND ³	ND
Ochratoxin A	2 ppb	HPLC	ND ⁴	ND ⁴	ND	ND
T-2 Toxin	0.1 ppm	TLC	ND ¹	ND ¹	ND ¹	ND ¹
HT-2 Toxin	0.1 ppm	TLC	ND ¹	ND ¹	ND ¹	ND ¹
Diacetoxyscirpenol	0.3 ppm	TLC	ND ¹	ND ¹	ND ¹	ND ¹
Neosolaniol	0.1 ppm	TLC	ND ¹	ND ¹	ND ¹	ND ¹
Fusarenon X	0.5 ppm	TLC	ND ¹	ND ¹	ND ¹	ND ¹
Deoxynivalenol	0.1 ppm	TLC	ND ¹	ND ¹	ND ¹	ND ¹
15 Acetyl-DON	0.1 ppm	TLC	ND ¹	ND ¹	ND ¹	ND ¹
3 Acetyl-DON	0.1 ppm	TLC	ND ¹	ND ¹	ND ¹	ND ¹
Nivalenol	0.5 ppm	TLC	ND ¹	ND ¹	ND ¹	ND ¹
Zearalenone	100 ppb	LC-MS/MS	ND	102	ND ²	ND ²
Fumonisin B1	0.2 ppm	HPLC	ND	ND	ND	ND
Fumonisin B2	0.2 ppm	HPLC	ND	ND	ND	ND
Citrinin	267 ppb	TLC	ND	ND	ND	ND

¹ Detection limit raised to 0.5 ppm due to method used.

² Matrix spike recoveries range from 132.4% to 137.8%.

³ Detection limit raised to 2.0 ppb due to matrix spike recoveries ranging from 60.9% to 66.5%. This does not meet Romer quality standards.

⁴ Analyzed using LC-MS/MS. Matrix spike recovery of 144.0%.

Approved By: 

Date: 30-Aug-10

ND = NONE DETECTED

All sample results have been adjusted for matrix spike recovery.

For Unusual Samples Detection Limits May Be Higher

We Sincerely appreciate your business. Please feel free to call (636) 583-8600 if you have any questions regarding these results

All reports on the mycotoxin analysis of food, feed, and grain samples apply only to the samples submitted.

Reports are not a guarantee of quality of the material of product from which the samples were taken for submission for analysis.

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